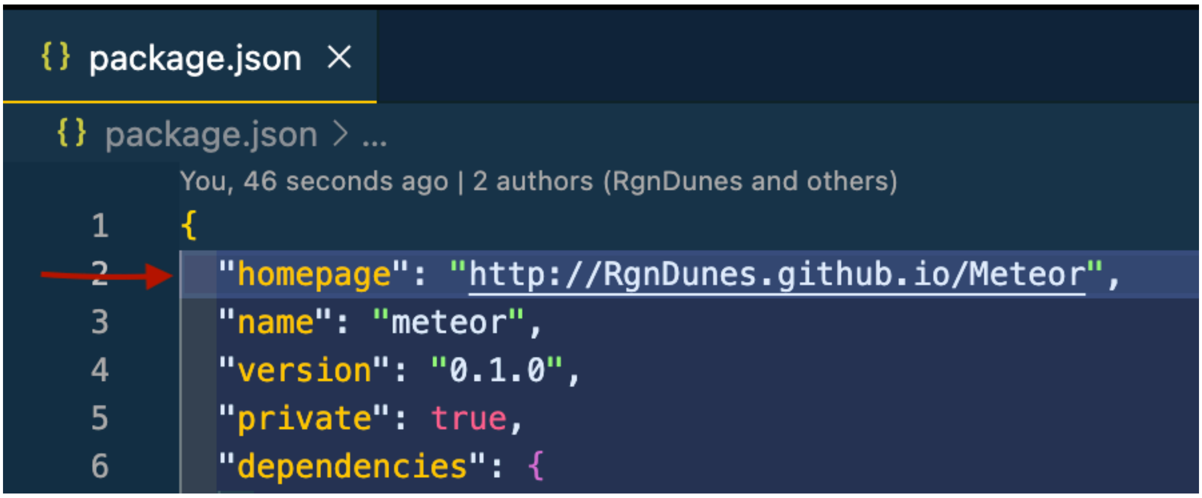
Deploying React Applications on Github

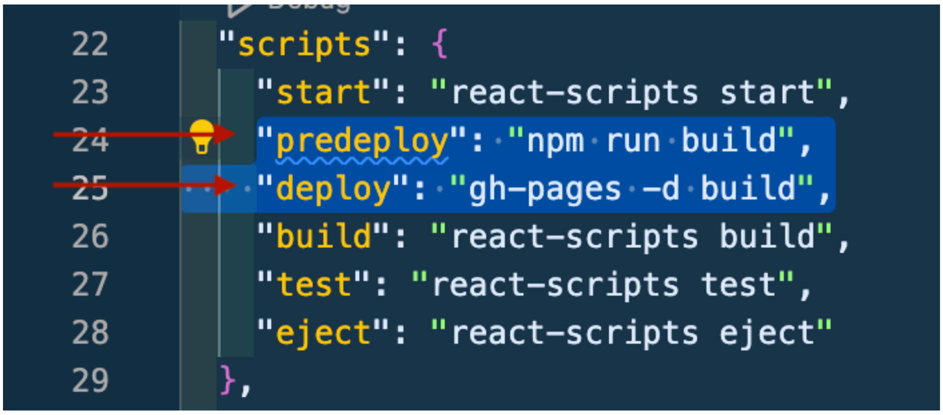
Notes Prepared by Divyansh Singh (LinkedIn)

1. Create a basic React Application for example a ToDo List or a Tic Tac Toe Game etc etc.
2. Create a Github repository and push your code there (Youtube Link for reference).
3. Now go back to your React App in Visual Studio Code and open the package.json file. In package.json file add a key called "homepage" at the top with value : "http://<GITHUB USERNAME>.github.io/<GITHUB REPO NAME>" as shown in the image below :



```
{
  "homepage": "http://RgnDunes.github.io/Meteor",
  "name": "meteor",
  "version": "0.1.0",
  "private": true,
  "dependencies": {
```

4. Install a npm package using following command : npm install gh-pages —save-dev
5. Add the following scripts (deploy script and predeploy script) in the scripts key in package.json. Make sure the scripts are in the order mentioned below :

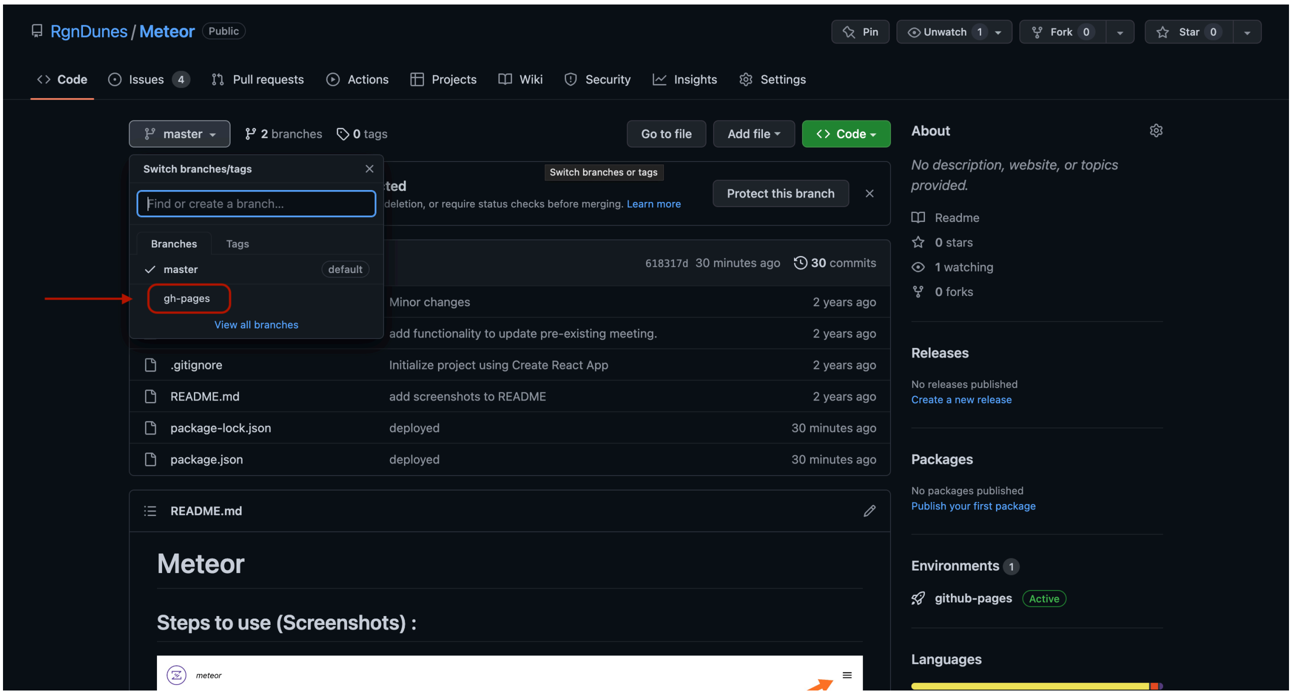


```
  "scripts": {
    "start": "react-scripts start",
    "predeploy": "npm run build",
    "deploy": "gh-pages -d build",
    "build": "react-scripts build",
    "test": "react-scripts test",
    "eject": "react-scripts eject"
  },
```

6. Push the above changes to github.

7. Now run “npm run deploy” command in the terminal and wait for it to get complete.

   Once completed a new branch will be created in your github repo by the name “gh-pages” .



ted

deletion, or require status checks before merging. Learn more

618317d 30 minutes ago 30 commits

	Minor changes	2 years ago
	add functionality to update pre-existing meeting.	2 years ago
.gitignore	Initialize project using Create React App	2 years ago
README.md	add screenshots to README	2 years ago
package-lock.json	deployed	30 minutes ago
package.json	deployed	30 minutes ago

No description, website, or topics provided.

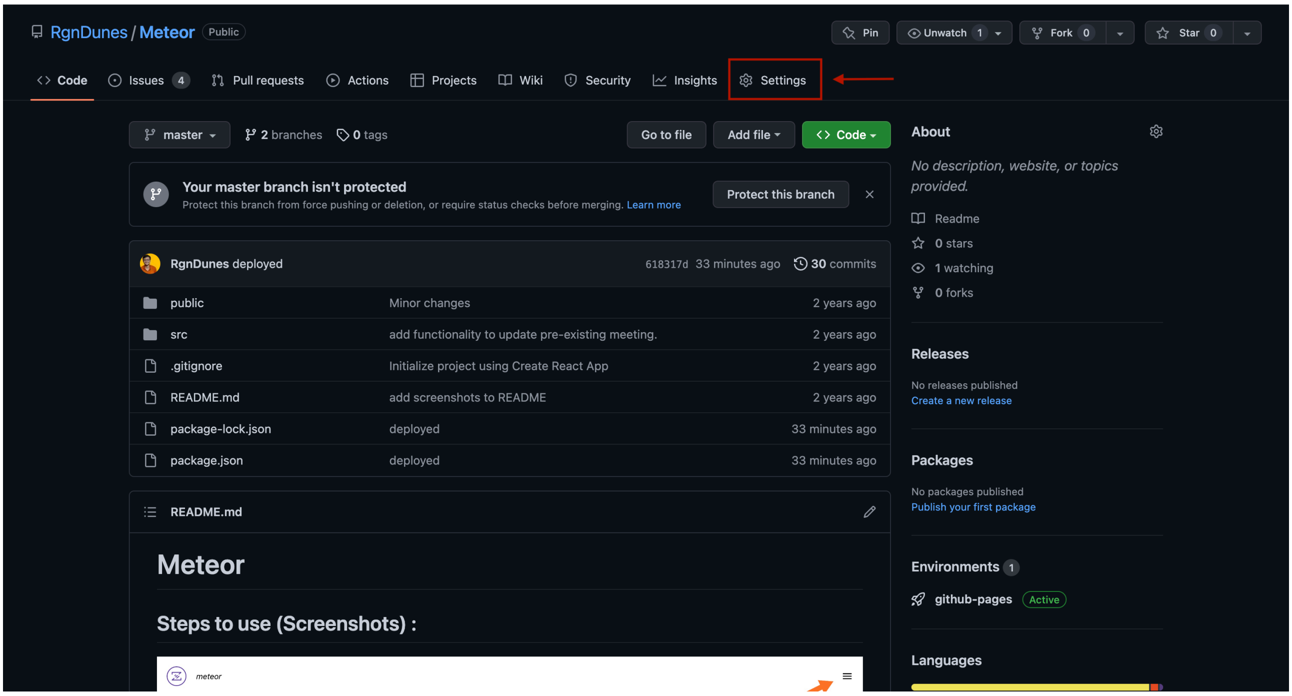
No releases published

No packages published

Meteor

Steps to use (Screenshots) :

8. Go to the settings of your github repo and click on the pages option.



Your master branch isn't protected

Protect this branch from force pushing or deletion, or require status checks before merging. Learn more

RgnDunes deployed 618317d 33 minutes ago 30 commits

public	Minor changes	2 years ago
src	add functionality to update pre-existing meeting.	2 years ago
.gitignore	Initialize project using Create React App	2 years ago
README.md	add screenshots to README	2 years ago
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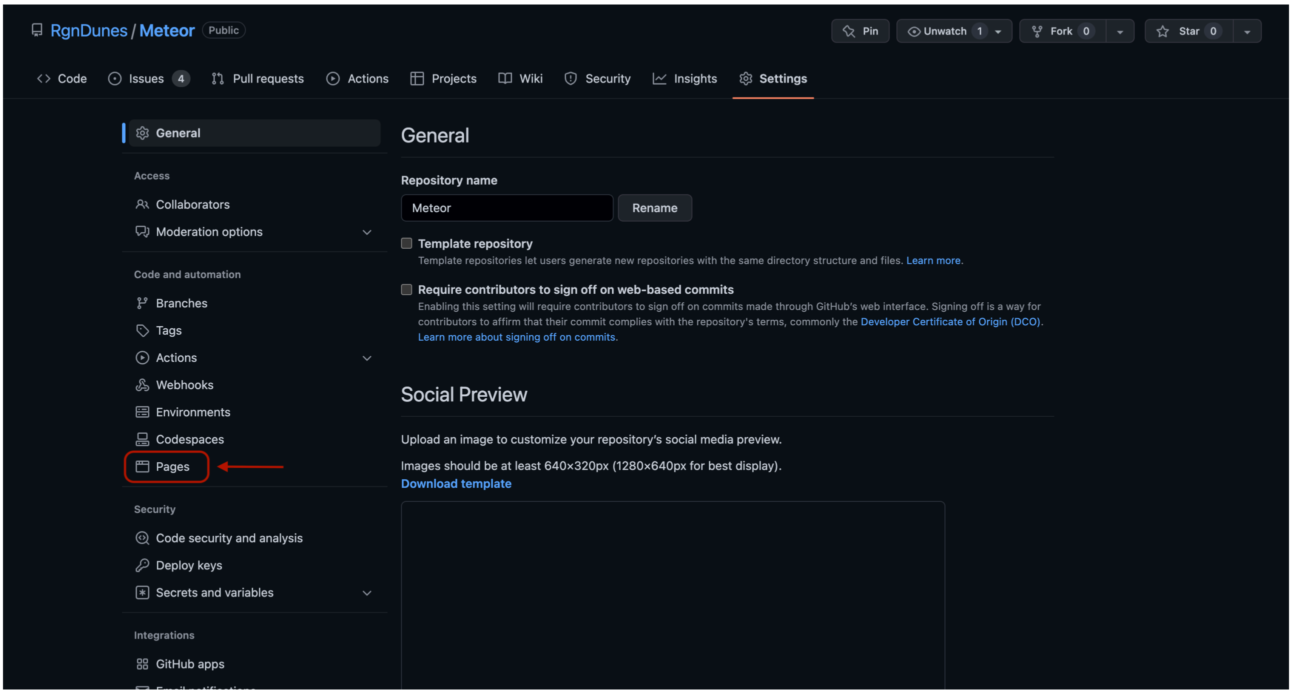


General

Repository name: Meteor

□ Template repository
Template repositories let users generate new repositories with the same directory structure and files. Learn more.

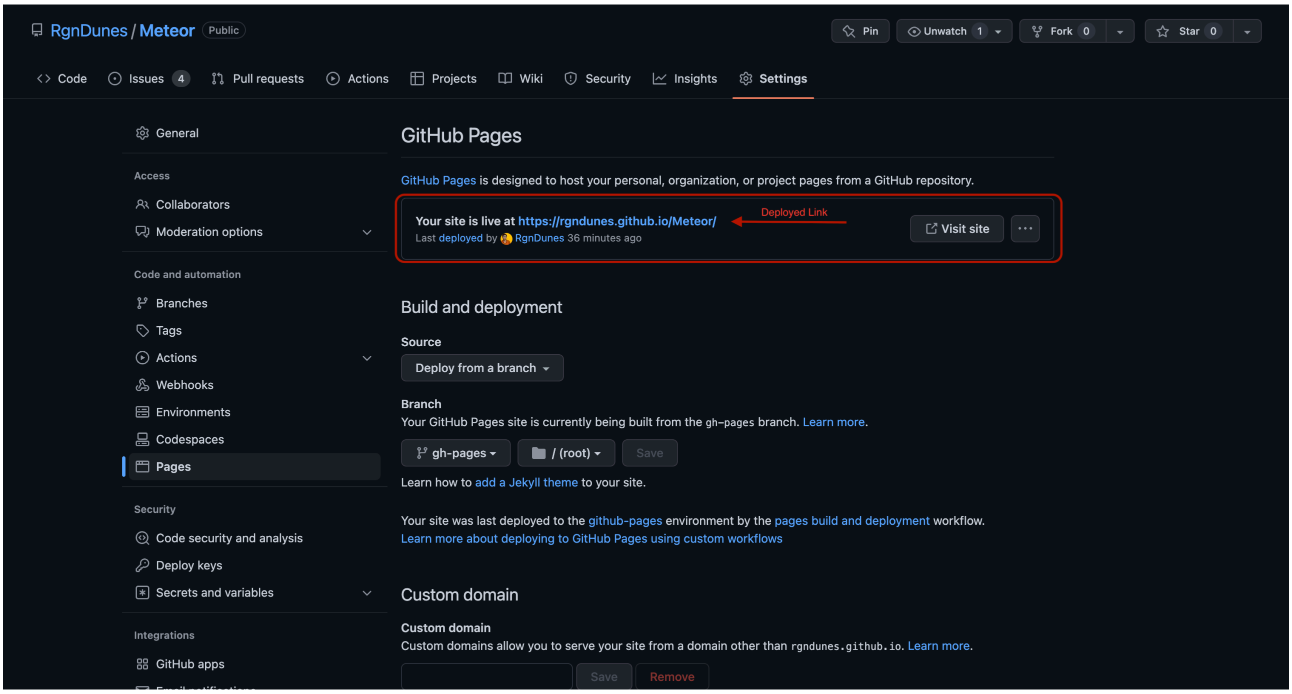
□ Require contributors to sign off on web-based commits
Enabling this setting will require contributors to sign off on commits made through GitHub's web interface. Signing off is a way for contributors to affirm that their commit complies with the repository's terms, commonly the Developer Certificate of Origin (DCO). Learn more about signing off on commits.

Social Preview

Upload an image to customize your repository's social media preview.

Images should be at least 640×320px (1280×640px for best display).
Download template

9. Refresh your browser a couple of times as it might take some time to generate the Github Deployed link. If you've done things correctly you'll be seeing something like shown below with a deployment link after a couple of refreshes.



GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is live at https://rgndunes.github.io/Meteor/
Last deployed by RgnDunes 36 minutes ago

Build and deployment

Source: Deploy from a branch

Branch
Your GitHub Pages site is currently being built from the gh-pages branch. Learn more.

gh-pages / (root)

Learn how to add a Jekyll theme to your site.

Your site was last deployed to the github-pages environment by the pages build and deployment workflow.
Learn more about deploying to GitHub Pages using custom workflows

Custom domain

Custom domain
Custom domains allow you to serve your site from a domain other than rgndunes.github.io. Learn more.

CONGRATULATIONS YOU'VE SUCCESSFULLY DEPLOYED REACT APPLICATION ON GITHUB 🥳